ABSTRACT OF THE DISCLOSURE

An optical disk device includes a head including an actuator that supports and moves an objective lens at least in a direction of focusing, and a slider for transporting the head in the direction of tracking. In response to a static acceleration acting on the objective lens in response to a change in the posture of the optical disk device, and a low-frequency component of a tracking servo signal for causing the objective lens to track, a slider controller drives the slider so that the objective lens is aligned with the center of an optical field of view of the head. In this arrangement, the slider is controlled with reference to the low-frequency component of the tracking servo signal corrected in accordance with the level of gravity acting on the objective lens. Slider control is thus achieved to prevent a displacement, between the objective lens and the center of the optical field of view, caused by a change in the posture of the optical disk device.